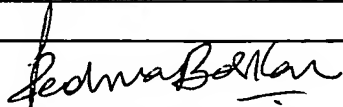


by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	Michael A. Apicella et al.	
	Filing Date September 19, 2003	Group Art Unit 1642 1645



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RB	AA	4,533,630	08/06/85	Wilkins et al.			
	AB	4,554,101	11/19/85	Hopp			
	AC	4,559,157	12/17/85	Smith et al.			
	AD	4,608,392	08/26/86	Jacquet et al.			
	AE	4,820,508	04/11/89	Wortzman			
	AF	4,873,192	10/10/89	Kunkel			
	AG	4,938,949	07/03/90	Borch et al.			
	AH	4,992,478	02/12/91	Geria			

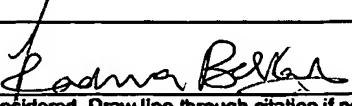
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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RB	AI	0 184 187	06/11/86	EPO				
	AJ	WO 99/24578	05/20/99	PCT				
	AK	WO 99/57280	11/11/99	PCT				
	AL	WO 98/02547	01/20/98	PCT				
RB	AM	WO 00/71725	11/30/00	PCT				

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RB	AN	GenBank Accession Number B81859
	AO	Alpuche-Aranda et al., "Salmonella Stimulate Macrophage Macropinocytosis and Persist within Spacious Phagosomes," <i>J. Exp. Med.</i> , 1994, 179:601-608
	AP	Altieri, "Occupancy of CD11b/CD18 (Mac-1) Divalent Ion Binding Site(s) Induces Leukocyte Adhesion," <i>J. Immunol.</i> , 1991, 147:1891-1898
	AQ	Altschul et al., "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> , 1990, 215:403-410
	AR	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucl. Acids Res.</i> , 1997, 25:3389-3402
	AS	Apicella, "Antigenically Distinct Populations of <i>Neisseria gonorrhoeae</i> : Isolation and Characterization of the Responsible Determinants," <i>J. Infect. Dis.</i> , 1974, 130:619-625
RB	AT	Batzer et al., "Enhanced evolutionary PCR using oligonucleotides with inosine at the 3'-terminus," <i>Nucl. Acids Res.</i> , 1991, 19:5081

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17023-031001	Application No. 10/665,990
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Michael A. Apicella et al.	
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	AU	Becherer et al., "Cell Surface Proteins Reacting with Activated Complement Components," <u>Complement Inflamm.</u> , 1989, 6:142-165
	AV	Bessen and Gotschlich, "Interactions of Gonococci with HeLa Cells: Attachment, Detachment, Replication, Penetration, and the Role of Protein II," <u>Infect. Immun.</u> , 1986, 54:154-160
	AW	Bjerknes et al., "Neisserial Porins Inhibit Human Neutrophil Actin Polymerization, Degranulation, Opsonin Receptor Expression, and Phagocytosis but Prime the Neutrophils To Increase Their Oxidative Burst," <u>Infect. Immun.</u> , 1995, 63:160-167
	AX	Cann et al., "Detection of antibodies to common antigens of pathogenic and commensal <i>Neisseria</i> species," <u>J. Med. Microbiol.</u> , 1989, 30:23-30
	AY	Caron et al., "Identification of Two Distinct Mechanisms of Phagocytosis Controlled by Different Rho GTPases," <u>Science</u> , 1998, 282:1717-1721
	AZ	Carrea et al., "Purification and properties of two phospholipases D from <i>Streptomyces</i> sp.," <u>Biochim. Biophys. Acta.</u> , 1995, 1255:273-279
	AAA	Chen et al., "Heparin Protects Opa ⁺ <i>Neisseria gonorrhoeae</i> from the Bactericidal Action of Normal Human Serum," <u>Infect. Immun.</u> , 1995, 63:1790-1795
	ABB	Christodoulides et al., "Interaction of primary human endometrial cells with <i>Neisseria gonorrhoeae</i> expressing green fluorescent protein," <u>Mol. Microbiol.</u> , 2000, 35:32-43
	ACC	Clarke and Spudich, "Nonmuscle Contractile Proteins: The Role of Actin and Myosin in Cell Motility and Shape Determination," <u>Ann. Rev. Biochem.</u> , 1977, 46:797-822
	ADD	Clauser et al., "Role of Accurate Mass Measurement (± 10 ppm) in Protein Identification Strategies Employing MS or MS/MS and Database Searching," <u>Anal. Chem.</u> , 1999, 71:2871-2882
	AEE	Clerc and Sansonetti, "Entry of <i>Shigella flexneri</i> into HeLa Cells: Evidence for Directed Phagocytosis Involving Actin Polymerization and Myosin Accumulation," <u>Infect. Immun.</u> , 1987, 55:2681-2688
	AFF	Cohen et al., "Human Experimentation with <i>Neisseria gonorrhoeae</i> : Rationale, Methods, and Implications for the Biology of Infection and Vaccine Development," <u>J. Infect. Dis.</u> , 1994, 169:532-537
	AGG	Colley et al., "Phospholipase D2, a distinct phospholipase D isoform with novel regulatory properties that provokes cytoskeletal reorganization," <u>Curr. Biol.</u> , 1997, 7:191-201
	AHH	Cooper, "Complement evasion strategies of microorganisms," <u>Immun. Today</u> , 1991, 12(9):327-331
	AII	Corpet, "Multiple sequence alignment with hierarchical clustering," <u>Nucl Acids Res.</u> , 1988, 16:10881-10890
	AJJ	Dayhoff et al., "A Model of Evolutionary Change in Proteins," <u>Atlas of Protein Sequence and Structure</u> , Natl. Biomed. Res. Found., 1978, pp. 345-352
	AKK	de la Paz et al., "Effect of sialylation of lipopolysaccharide of <i>Neisseria gonorrhoeae</i> on recognition and complement-mediated killing by monoclonal antibodies directed against different outer-membrane antigens," <u>Microbiology</u> , 1995, 141:913-920
	ALL	Dehio et al., "The role of neisserial Opa proteins in interactions with host cells," <u>Trends Microbiol.</u> , 1998, 6:489-495
	AMM	Densen et al., "Dissemination of Gonococcal Infection is Associated with Delayed Stimulation of Complement-Dependent Neutrophil Chemotaxis In Vitro," <u>Infection and Immunity</u> , 1982, 38:563-572

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	ANN	DiPaolo et al., "Cellular and Molecular Alterations in Human Epithelial Cells Transformed by Recombinant Human Papillomavirus DNA," <i>Crit. Rev. Oncogen.</i> , 1993, 4:337-360
	AOO	Drams and Cossart, "Intracellular Pathogens and the Actin Cytoskeleton," <i>Annu. Rev. Cell Dev. Biol.</i> , 1998, 14:137-166
	APP	Draper et al., "Scanning electron microscopy of attachment of <i>Neisseria gonorrhoeae</i> colony phenotypes to surfaces of human genital epithelia," <i>Am. J. Obstet. Gynecol.</i> , 1980, 138:818-826
	AQQ	Dudas and Apicella, "Selection and Immunochemical Analysis of Lipooligosaccharide Mutants of <i>Neisseria gonorrhoeae</i> ," <i>Infect. Immun.</i> , 1988, 56:499-504
	ARR	Edwards and Apicella, "The role of lipooligosaccharide in <i>Neisseria gonorrhoeae</i> pathogenesis of cervical epithelia: lipid A serves as a C3 acceptor molecule," <i>Cell. Microbiol.</i> , 2002, 4:585-598
	ASS	Edwards et al., "A co-operative interaction between <i>Neisseria gonorrhoeae</i> and complement receptor 3 mediates infection of primary cervical epithelial cells," <i>Cell. Microbiol.</i> , 2002, 4:571-584
	ATT	Edwards et al., "Complement Receptor Type 3 (CR3) on Primary Cervical Epithelial Cells Serves as a Receptor for <i>Neisseria Gonorrhoeae</i> ," Abstracts of the 101 st General Meeting of the American Society for Microbiology, 2001, Orlando, FL, p. 303
	AUU	Edwards et al., "The Role of Complement Receptor 3 (CR3) in <i>Neisseria Gonorrhoeae</i> Infection of Human Cervical Epithelia," <i>Cell. Microbiol.</i> , 2001, 3:611-622
	AVV	Elemer and Edgington, "Microfilament Reorganization Is Associated with Functional Activation of $\alpha_4\beta_2$ on Monocytic Cells," <i>J. Biol. Chem.</i> , 1994, 269:3159-3166
	AWW	Erdei et al., "The role of C3 in the immune response," <i>Immun. Today</i> , 1991, 12:332-337
	AXX	Evans, "Ultrastructural Study of Cervical Gonorrhea," <i>J. Infect. Dis.</i> , 1977, 136(2):248-255
	AYY	Exton, "New Developments in Phospholipase D," <i>J. Biol. Chem.</i> , 1997, 272:15579-15582
	AZZ	Fällman et al., "Complement Receptor-mediated Phagocytosis Is Associated with Accumulation of Phosphatidylcholine-derived Diglyceride in Human Neutrophils," <i>J. Biol. Chem.</i> , 1992, 267:2656-2663
	AAAA	Fijen et al., "The role of Fcγ receptor polymorphisms and C3 in the immune defense against <i>Neisseria meningitidis</i> in complement-deficient individuals," <i>Clin. Exp. Immunol.</i> , 2000, 120:338-345
	ABBB	Finlay and Falkow, "Common Themes in Microbial Pathogenicity Revisited," <i>Microbiol. Mol. Biol. Rev.</i> , 1997, 61:136-169
	ACCC	Finlay and Ruschkowski, "Cytoskeletal rearrangements accompanying <i>Salmonella</i> entry into epithelial cells," <i>J. Cell Sci.</i> , 1991, 99:283-296
	ADDD	Fluhmann, "The Squamocolumnar Transitional Zone of the Cervix Uteri," <i>Obstet. Gynecol.</i> , 1959, 14:133-148
	AEEE	Francis et al., "Ruffles induced by <i>Salmonella</i> and other stimuli direct macropinocytosis of bacteria," <i>Nature</i> , 1993, 364:639-642
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	AGGG	Fukami et al., "α-Actinin and Vinculin Are PIP ₂ -binding Proteins Involved in Signaling by Tyrosine Kinase," <i>J. Biol. Chem.</i> , 1994, 269:1518-1522
	AHHH	Gazdar et al., "Characterization of Paired Tumor and Non-Tumor Cell Lines Established from Patients with Breast Cancer," <i>Int. J. Cancer</i> , 1998, 78:766-774
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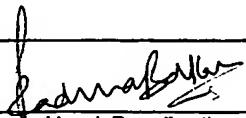
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Other Documents (include Author, Title, Date, and Place of Publication)		
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PDS 10/2	AHI	Garcia-del Portillo and Finlay, "Salmonella Invasion of Nonphagocytic Cells Induces Formation of Macropinosomes in the Host Cell," <u>Infect. Immun.</u> , 1994, 62:4641-4645
	AJJJ	Goeddel et al., "Synthesis of human fibroblast interferon by E. coli," <u>Nucl. Acids. Res.</u> , 1980, 8:4057-4074
	AKKK	Grassmé et al., "Gonococcal Opacity Protein Promotes Bacterial Entry-Associated Rearrangements of the Epithelial Cell Actin Cytoskeleton," <u>Infect. Immun.</u> , 1996, 64(5):1621-1630
	ALLL	Griffin, Jr. et al., "Studies on the Mechanism of Phagocytosis: The Interaction of Macrophages with Anti-Immunoglobulin IgG-Coated Bone Marrow-Derived Lymphocytes," <u>J. Exp. Med.</u> , 1976, 144:788-809
	AMMM	Griffin, Jr. et al., "Studies on the Mechanism of Phagocytosis: Requirements for Circumferential Attachment of Particle-Bound Ligands to Specific Receptors on the Macrophage Plasma Membrane," <u>J. Exp. Med.</u> , 1975, 142:1263-1282
	ANNN	Ha and Exton, "Activation of Actin Polymerization by Phosphatidic Acid Derived from Phosphatidylcholine in IIC9 Fibroblasts," <u>J. Cell Biol.</u> , 1993, 123:1789-1796
	AOOO	Harkness, "The Pathology of Gonorrhoea," <u>Br. J. Vener. Dis.</u> , 1948, 24:137-147
	APPP	Harvey et al., "Ultrastructural Analysis of Primary Human Urethral Epithelial Cell Cultures Infected with <i>Neisseria gonorrhoeae</i> ," <u>Infect. Immun.</u> , 1997, 65(6):2420-2427
	AQQQ	Harvey et al., "Receptor-mediated endocytosis of <i>Neisseria gonorrhoeae</i> into primary human urethral epithelial cells: the role of the asialoglycoprotein receptor," <u>Mol. Microbiol.</u> , 2001, 42:659-672
	ARRR	Harvey et al., "Immortalization of Human Urethral Epithelial Cells: a Model for the Study of the Pathogenesis of and the Inflammatory Cytokine Response to <i>Neisseria gonorrhoeae</i> Infection," <u>Infect. Immun.</u> , 2002, 70:5808-5815
	ASSS	Hauck et al., "CD66-mediated-phagocytosis of Opa ₅₂ <i>Neisseria gonorrhoeae</i> requires a Src-like tyrosine kinase- and Rac1-dependent signaling pathway," <u>EMBO J.</u> , 1998, 17:443-454
	ATTT	Hayashi et al., "Binding of the 68-Kilodalton Protein of <i>Mycobacterium avium</i> to $\alpha\beta_3$ on Human Monocyte-Derived Macrophages Enhances Complement Receptor Type 3 Expression," <u>Infect. Immun.</u> , 1997, 65(4):1211-1216
	AUUU	Higgins and Sharp, "CLUSTAL: a package for performing multiple sequence alignment on a microcomputer," <u>Gene</u> , 1988, 73:237-244
	AVVV	Higgins and Sharp, "Fast and sensitive multiple sequence alignments on a microcomputer," <u>CABIOS</u> , 1989, 5:151-153
	AWWW	Hildreth and August, "The Human Lymphocyte Function-Associated (HLFA) Antigen and a Related Macrophage Differentiation Antigen (HMac-1): Functional Effects of Subunit-Specific Monoclonal Antibodies," <u>J. Immunol.</u> , 1985, 134:3272-3280
AXXX	Hinnebusch et al., "Role of Yersinia Murine Toxin in Survival of <i>Yersinia pestis</i> in the Midgut of the Flea Vector," <u>Science</u> , 2002, 296:733-735	
AYYY	Hodgson et al., "Rational Attenuation of <i>Corynebacterium pseudotuberculosis</i> : Potential Cheesy Gland Vaccine and Live Delivery Vehicle," <u>Infect. Immun.</u> , 1992, 60:2900-2905	
AZZZ	Hondalus et al., "The Intracellular Bacterium <i>Rhodococcus equi</i> Requires Mac-1 To Bind to Mammalian Cells," <u>Infect. Immun.</u> , 1993, 61:2919-2929	
AAAAA	Huang et al., "Parallelization of a local similarity algorithm," <u>CABIOS</u> , 1992, 8:155-165	

Examiner Signature <i>Richard Barker</i>	Date Considered 5/9/06
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	ABBBB	Hussain et al., "Investigation of the complement receptor 3 (CD11b/CD18) in human rectal epithelium," <u>Clin. Exp. Immun.</u> , 1995, 102:384-388
	ACCCC	Hynes, "Integrins: A Family of Cell Surface Receptors," <u>Cell</u> , 1987, 48:549-554
	ADDDD	Iglesias et al., "Interleukin-6 and Interleukin-6 Soluble Receptor Regulate Proliferation of Normal, Human Papillomavirus-Immortalized, and Carcinoma-Derived Cervical Cells <i>In Vitro</i> ," <u>Am. J. Pathol.</u> , 1995, 146:944-952
	AEEEE	Ingalls et al., "The CD11/CD18 Integrins: Characterization of Three Novel LPS Signaling Receptors," <u>Prog. Clin. Biol. Res.</u> , 1998, 397:107-117
	AFFFF	Jarvis et al., "Invasion of Human Mucosal Epithelial Cells by <i>Neisseria gonorrhoeae</i> Upregulates Expression on Intercellular Adhesion Molecule 1 (ICAM-1)," <u>Infect. Immun.</u> , 1999, 67(3):1149-1156
	AGGGG	Jerse and Rest, "Adhesion and invasion by the pathogenic neisseria," <u>Trends in Microbiology</u> , 1997, 5(6):217-221
	AHHHH	Jones et al., "Phospholipase D and membrane traffic: Potential roles in regulated exocytosis, membrane delivery and vesicle budding," <u>Biochim. Biophys. Acta</u> , 1999, 1439:229-234
	AIIII	Jones and Walker, "Integrins: a role as cell signalling molecules," <u>J. Clin. Pathol. Mol. Pathol.</u> , 1999, 52:208-213
	AJJJJ	Jones et al., "Two Signaling Mechanisms for Activation of $\alpha_M\beta_2$ Avidity in Polymorphonuclear Neutrophils," <u>J. Biol. Chem.</u> , 1998, 273(17):10556-10566
	AKKKK	Juriansz et al., "Complement resistance of tumor cells: basal and induced mechanisms," <u>Mol. Immunol.</u> , 1999, 36:929-939
	ALLLL	Källström et al., "Membrane cofactor protein (MCP or CD46) is a cellular pilus receptor for pathogenic <i>Neisseria</i> ," <u>Mol. Microbiol.</u> , 1997, 25:639-647
	AMMMM	Källström et al., "Cholera toxin and extracellular Ca^{2+} induce adherence of non-piliated <i>Neisseria</i> : evidence for an important role of G-proteins and Rho in the bacteria-cell interaction," <u>Cell Microbiol.</u> , 2000, 2:341-351
	ANNNN	Karlin and Altschul, "Methods for assessing the statistical significance of molecular sequence features by using general scoring schemes," <u>Proc. Natl. Acad. Sci. USA</u> , 1990, 87:2264-2268
	AOOOO	Karlin and Altschul, "Applications and statistics for multiple high-scoring segments in molecular sequences," <u>Proc. Natl. Acad. Sci. USA</u> , 1993, 90:5873-5877
	APPPP	Kaur and McDougall, "Characterization of Primary Human Keratinocytes Transformed by Human Papillomavirus Type 18," <u>J. Virol.</u> , 1988, 62:1917-1924
	AQQQQ	Ketterer et al., "Infection of Primary Human Bronchial Epithelial Cells by <i>Haemophilus influenzae</i> : Macropinocytosis as a Mechanism of Airway Epithelial Cell Entry," <u>Infect. Immun.</u> , 1999, 4161-4170
	ARRRR	Kishimoto et al., "The Leukocyte Integrins," <u>Advances in Immunology</u> , 1989, 46:149-182
	ASSSS	Köhler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <u>Nature</u> , 1975, 256:495
	ATTTT	Kondo et al., "Phospholipase D Mimics Platelet-derived Growth Factor as a Competence Factor in Vascular Smooth Muscle Cells," <u>J. Biol. Chem.</u> , 1992, 267:23609-23616

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




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	AVVVV	Kragstbjerg et al., "The effects of live <i>Neisseria meningitidis</i> and tumour necrosis factor- α on neutrophil oxidative burst and β 2-integrin expression," <u>APMIS</u> , 2000, 108:276-282
	AWWWV	Kunkel, "Rapid and efficient site-specific mutagenesis without phenotypic selection," <u>Proc. Natl. Acad. Sci. USA</u> , 1985, 82:488-492
	AXXXX	Kunkel et al., "Rapid and Efficient Site-Specific Mutagenesis without Phenotypic Selection," <u>Meth. Enzymol.</u> , 1987, 154:367-382
	AYYYY	Kusner et al., "Regulation of Phospholipase D Activity by Actin: Actin Exerts Bidirectional Modulation of Mammalian Phospholipase D Activity in a Polymerization-Dependent, Isoform-Specific Manner," <u>J. Biol. Chem.</u> , 2002, 277:50683-50692
	AZZZZ	Kusner et al., "Evolutionary conservation of physical and functional interactions between phospholipase D and actin," <u>Arch. Biochem. Biophys.</u> , 2003, 412:231-241
	AAAAA	Lawn et al., "The sequence of human serum albumin cDNA and its expression in <i>E. coli</i> ," <u>Nucl. Acids. Res.</u> , 1981, 9:6103-6114
	BBBBB	Lehninger, "The amino acid building blocks of proteins," <u>Biochemistry</u> , 2 nd ed., 1975, 73-75
	ACCCCO	Lin et al., "Increased Expression of Luteinizing Hormone/Human Chorionic Gonadotropin Receptor Gene in Human Endometrial Carcinomas," <u>J. Clin. Endocrinol. Metab.</u> , 1994, 79:1483-1491
	ADDDDI	Lukowski et al., "Inhibition of Phospholipase D Activity by Fodrin: An Active Role for the Cytoskeleton," <u>J. Biol. Chem.</u> , 1996, 271:24164-24171
	AEEEE	Lynch et al., "Studies of Porins: Spontaneously Transferred from Whole Cells and Reconstituted from Purified Proteins of <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> ," <u>Biophys. J.</u> , 1984, 45:104-107
	AFFFFF	Maisner et al., "Membrane Cofactor Protein (CD46) Is a Basolateral Protein That Is Not Endocytosed," <u>J. Biol. Chem.</u> , 1997, 272:20793-20799
	AGGGGG	Maitra et al., "Enrichment of epithelial cells for molecular studies," <u>Nature Med.</u> , 1999, 5:459-463
	AHHHHH	Mandell et al. (eds.), <u>Principles and Practice of Infectious Diseases</u> , 3rd ed., 1990, Churchill Livingstone Inc. (TOC only)
	AIIIII	McGee et al., "Mechanisms of Mucosal Invasion by Pathogenic <i>Neisseria</i> ," <u>Rev. Infect. Dis.</u> , 1983, 5:S708-S714
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	AKKKKK	McNamara et al., "Toxic phospholipases D of <i>Corynebacterium pseudotuberculosis</i> , <i>C. ulcerans</i> and <i>Arcanobacterium haemolyticum</i> : cloning and sequence homology," <u>Gene</u> , 1995, 156:113-118
	ALLLLL	McNeely, Jr., et al., "Treatment of Chlamydial Infections of the Cervix During Pregnancy," <u>Sex. Trans. Dis.</u> , 1989, 16:60-62
	AMMMMM	McQuillen et al., "Complement Processing and Immunoglobulin Binding to <i>Neisseria gonorrhoeae</i> Determined In Vitro Simulates In Vivo Effects," <u>J. Infect. Dis.</u> , 1999, 179:124-135
	ANNNNN	Meinkoth and Wahl, "Hybridization of Nucleic Acids Immobilized on Solid Supports," <u>Anal. Biochem.</u> , 1984, 138:267-284

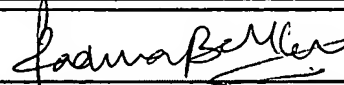
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Michael A. Apicella et al.	
		Filing Date September 19, 2003	Group Art Unit 1642-1645



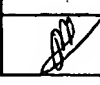
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AOOOOO	Mesri et al., "Dual Regulation of Ligand Binding by CD11b I Domain: Inhibition of Intercellular Adhesion and Monocyte Procoagulant Activity by a Factor X-Derived Peptide," <u>J. Biol. Chem.</u> , 1998, 273(2):744-748
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	AQQQQQ	Moll et al., "The Catalog of Human Cytokeratins: Patterns of Expression in Normal Epithelia, Tumors and Cultured Cells," <u>Cell</u> , 1982, 31:11-24
	ARRRRR	Morse and Bartenstein, "Purine metabolism in <i>Neisseria gonorrhoeae</i> : the requirement for hypoxanthine," <u>Can. J. Microbiol.</u> , 1980, 26:13-20
	ASSSSS	Mosser and Edelson, "The third component of complement (C3) is responsible for the intracellular survival of <i>Leishmania major</i> ," <u>Nature</u> , 1987, 327:329-331
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	AHHHHH	Ponting and Kerr, "A novel family of phospholipase D homologues that includes phospholipid synthases and putative endonucleases: Identification of duplicated repeats and potential active site residues," <u>Prot. Science</u> , 1996, 5:914-922
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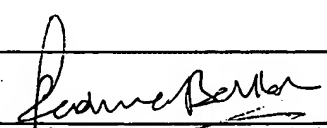
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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Michael A. Apicella et al.	
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(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
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

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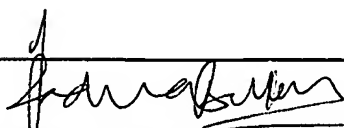
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	FFFFFF	Smith and Waterman, "Comparison of Biosequences," <u>Adv. Appl. Math.</u> , 1981, 2:482-489
	GGGGGG	Steed et al., "Intracellular Signaling by Phospholipase D as a Therapeutic Target," <u>Current Pharmaceutical Biotechnology</u> , 2001, 2:241-256
	HHHHHH	Stephens, "Gonococcal and Meningococcal Pathogenesis as Defined by Human Cell, Cell Culture, and Organ Culture Assays," <u>Clin. Microbiol. Rev.</u> , 1989, 2:S104-S111
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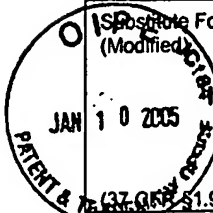
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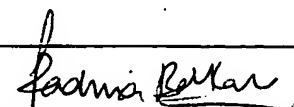
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U.S. Patent Documents							
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Foreign Patent Documents or Published Foreign Patent Applications								
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PB	AD	GenBank Accession No. AL162756 dated 10/01/00
	AE	GenBank Accession No. ABP79466 dated 10/10/02
	AF	GenBank Accession No. AAZ54515 dated 03/21/00
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael A. Apicella et al. Art Unit : 1642
Serial No. : 10/665,990 Examiner : Unknown
Filed : September 19, 2003
Title : VACCINE AND COMPOSITIONS FOR THE PREVENTION AND
TREATMENT OF NEISSERIAL INFECTIONS

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3. Copies of Cited References (8 references);
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Respectfully submitted,

Date: 6 January 2005

Ann S. Viksnins
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